



AIRFRAME MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N201 HC

Aircraft Mfg. Mooney Model M20J Serial No. 24-0052

Engine Mfg. Lycoming Model IO-360-A3B6D Serial No. L-16417-51AC
Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. _____ Model _____ Serial No. _____
Hub Design No. _____ Hub Serial No. _____
Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____
Hub Design No. _____ Hub Serial No. _____
Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
1/28/52		1038.7	Completed Installation of shoulder harness in accordance with Moray Installation # 95011. Completed New Wt. + Balance. New Empty Wt is 1765.54 with E.W. arm at 45.9° aft of datum giving a useful load of 974.46. <i>Jenni R. Sherick for CRS-110-2 W.O # 5540</i> END ENTRY

2-1-83 Completed Annual Inspection this date. Replaced ELT battery Expires Dec. 1984. Replaced power supply for Rt strobe S/N 1486. Replaced Fuel cup O-Rings. Replaced left wheel well air seal. Reshinned & replaced nose gear bolt & bushing.
End Entry

HENRY WEBER AIRCRAFT DISTRIBUTORS, INC.
LANCASTER AIRPORT, R. D. 3 LITIZ, PENNA.

DATE 2-1-83
Details of this work order are on file under No. 6131

Inspector *[Signature]*

AIRCRAFT # 1164.95 @ ENGINE # 116495 @

I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A (AD) 100 HR. ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.

REP. STATION 110-2

MARK
3 Feb 84 1259.00 100 hr inspection completed this time & date. Recharged A/C Battery & serviced it. Refilled Brake reservoir. Check ELT Functions. ELT expires Dec 84. Lubricated all hinges, Pulleys & Rod ends as Per AD 73-21-1. Greased all fittings on all gear. Checked gear retraction, down lock preload & up travel. Checked Brake linings wheel grease & tires. Checked Bendix ign. switch on RUN up. General inspection of a/c good. Checked all control surface movement.

MODERN AIRCRAFT OF MINNESOTA INC. FLYING CLUB HOPKINS, MINN. 55343 Tel. 941-2595

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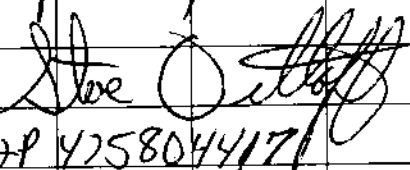
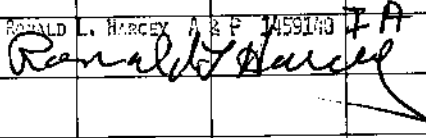
I CERTIFY THAT THIS a/c HAS BEEN INSPECTED IN ACCORDANCE WITH 100hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

JEFFREY J. MANOFF
A & P. 565787495
Jeffrey J. Manoff


DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
24 May 84	1247.84	1247.84	installed new Gill Battery P/N G-35 Cleaned Battery Box. Changed Battery on Tach. Chas. Tom ACP 46681500
3-19-85	Tach 1376.00		100 hour inspection completed Today. cleaned FUEL STRAINER screen. Lubed all flight controls. serviced & recharged battery, C/W A.d. 76-07-12 Bendix Ignition switch, ELT checked good Due Dec. 1985. Serviced Brake Reservoir. Removed corrosion from battery terminals. Replaced AIR Filter per A.d. 84-26-02. Next Due at 1876 hours. Repacked all wheel bearings. Greased nose & MAIN landing gear. Replaced Left and Right Brakes. Bleed brakes & cleaned brake self adjusters. cleaned IN LINE FUEL screen. END.
I certify that this airframe has been inspected in accordance with a 100 hour inspection & is air worthy			MODERN AERO OF MINNESOTA INC. FLYING CLOUD FIELD HOPKINS, MINN. 55343 Tel. 941-2595
R. L. ACP 469646048			I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND HAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
MODERN AERO OF MINNESOTA INC. FLYING CLOUD FIELD HOPKINS, MINN. 55343 Tel. 941-2595			OSCAR G. MAY A & P 1370071 Oscar G. May
3-19-85			Replaced main gear shock discs - Oscar G. May AP1370071
MODERN AERO OF MINNESOTA INC. FLYING CLOUD FIELD HOPKINS, MINN. 55343 Tel. 941-2595			

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
1-21-86	TACH 1445:00		<p>completed 100 HR insp this date. GREASED gear. Checked all control surface travels - All within limits. Replaced LEFT tire. Tightened both whisks on Ayles, two Flap Attach bolts, nose steering linkage. CLEANED fuel screen. Lites, BRAKES, ESQUIER wheel bearings ALL OK. Lubed all flight controls. Cycled gear & adjusted right nose gear spring tension to within limits -.010-.030. 9/w AD 76-07-12 (Ben. Ign. Sw) on run-up OK this date. 9/w AD 85-24-03 (water entrapment in tanks) by plugging & cleaning holes 1/w SB. M20-230. Replaced gas cap seals 1/w SB. M20-229. NO LEAKS this date. GENERAL run-up & insp of A/C satisfactory. END</p>
 ADP 4258044171			<p>MODERN AERO OF MINNESOTA INC. FLYING CLOUD FIELD HOPKINS, MINN. 5534 Tel 941-2595</p>
I CERTIFY THAT THIS a/c HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.			<p>I Certify that this AIRFRAME has been inspected in accord- ance with a <u>100 HR.</u> inspection & is air worthy.</p>
RONALD L. HARCEY A & P MEISSING IA 			

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J. NANOFF
 (857) 7495


DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
4-20-87		TOTAL	brought forward from previous page
			<p>TACH time read 1526:94 completed 100 hr. insp. this date lubed all flight controls rods, pulleys & bellcranks, performed landing gear retraction check and lubed landing gear. C/w A.D. 76-0712 Bendix ignition switch, serviced A/c battery. replace two misturned vacuum air filters. C/w SB. M20-229 fuel cap seals, SB M20-208A Dated 2-12-87 inspection of fuselage tubular structure not C/w at this time at owners request. other minor maintenance as per wo. 15374. general inspection satisfactory. E.L.T. Next Due Date: FEB, 1990. <i>Malcolm A/P 473826404</i></p>
			<p>I certify that this aircraft has been inspected in accordance with a check inspection & is air worthy</p> <p>MODERN AERO OF MINNESOTA INC. FLYING CLOUD FIELD HOPKINS, MINN. 55343 Tel. 251-2595</p>
4-24-87	tach	1526:94	<p>I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH A MAINTENANCE INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>Ray S. Hance 474840839</i></p>
8-3-87	TACH	1557:00	<p>REPLACED VACUUM PUMP. MODEL 211 CC S/N 01AC000687. RUN-UP WAS SATISFACTORY. REPLACED EXHAUST CUSHION. <i>Christopher J. Shuff A/P 472743866.</i></p>

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Date	5/19/88		100 hour inspection complete this date. Jacked
Toch	1608.0		aircraft, removed wheels, greased bearings
TT	1608.0		and gear. Replaced all brake linings. Checked
Joff	16626		retraction and emergency extension. Re-rigged
			gear and gear doors. Checked electrical system
			and batteries. Checked all controls and
			lubricated. Removed all inspection plates
			and checked structure. Checked cockpit
			felts and lights. Bled left brake.
			ELT due 7/90. Checked gasculator and
			replaced its seal. Replaced left fuel cap
			O-rings. Re-sealed right brake master
			cylinder. — END —

MODERN AERODROME
OF MINNESOTA INC.
FLYING CLOUD FIELD
HOPKINS, MINN. 55343
 Tel. 941-2595

I certify that this airframe has been inspected in accordance with a 100hr inspection & is air worthy.
Mark C Williams
 ATP 470829088

I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

MODERN AERODROME
OF MINNESOTA INC.
FLYING CLOUD FIELD
HOPKINS, MINN. 55343
 Tel. 941-2595

R. J. Hardy
 IA 474840834

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
6-1-89	Tack 16871		Annual Inspection completed this date. Checked all control rods, fittings etc - Ran gear retractor per Mooney maintenance manual C/w AD 76-07-12 Bendix ding switch OK this date. C/w AD 85-24-03 Par "b" water entrapment in fuel tanks - OK this date. Replaced nose tire, serviced battery, Greased gear linkage. I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AM ANNA INSPECTION AND HAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. RONALD L. HARCEY A & P 1459190 IA <i>Ronald L. Harcey</i>
			MODERN AERO INC. 14801 PIONEER TR. EDEN PRAIRIE MN 55347
5-15-90	TACK & Total time 1773:00.	100 HR insp	completed this date. Cleared fuel screen. Greased gear. Cycled gear for retraction test - OK. Charged A/c Batt. Labeled All Flight controls. Replaced ELT Batt (Batt due Feb 93). Lites - Brake Reservoir - Linings - w/Bearings All OK. Shimmed nose linkage. Adjusted main ldy gear doors to close properly. Replaced both gas caps o-rings. C/w AD 76-07-12 (Ben. Ign. Sw.) on run-up - OK this date. C/w AD 85-24-03 (Par. b) water entrapment by press fuel tanks + Lubing o-rings F/w S.B. M20- ²²⁹ General run-up + insp of A/c satisfactory.
5-15-90	Tack 1773		I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AM ANNA INSPECTION AND HAS SUB-TOTAL this page DETERMINED TO BE IN AN AIRWORTHY CONDITION - Carry forward to next page RONALD L. HARCEY A & P 1459190 IA <i>Ronald L. Harcey</i>

I certify that this aircraft has been inspected in accordance with a 100 HR inspection & is airworthy.

Ronald L. Harcey
A & P 47580441A

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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6-12-91	Tach 1832	-100 hr.	inspection completed this date. cleaned fuel screen, greased gear, cycled gear for retraction test - ok. lubed A/C controls, packed wheel bearings, serviced brake reservoir, serviced battery, checked FLT operation status & impact checked ok FLT Batt. due 2-93. C/w AD 76-07-12 (Bendix switch) checked ok at this time. C/w AD 85-24-03 (Par 6.) (water entrapment in fuel tanks) by press. on fuel tanks & tubing o-rings I/A/w SB M20-229. Replaced vacuum reg. filter. General run-up & inspection ok Michael Koernig A & P 501681377
I certify that this A/C has been inspected in accordance with a 100hr. inspection & is airworthy	MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347		
-12-91	Tach 1832		I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AD A P (100hr) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Ronald L. Harcey A & P 1459140 JA
-31-92	Tach & Total time	1863:00	Annual insp completed this date. Cleaned main & boost pump screens. Lubed All flight controls, serviced A/C Batt & Brake Reservoir. Greased gear. Cycled gear for retraction - 11 checks - OK. FLT operation OK (Batt due 2-93). Resealed 90° fitting selector valve. Shimmed A/cron rod ends. Replaced both elevator rod ends. Replaced Fuel boost pump with PN# 4140-00-19A, SN# 6788. Operation - OK Air release at top of page. C/w AD 76-07-12 (Bendix Ign. Sw) ok

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING	Page No.
TOTAL brought forward from previous page				
7-31-92	Run up		- OK this date. C/w AD 85-24-03 (PAR. B) I/A/w S.B.	
M20-229A	by press		TANKS + Lubing O-RINGS. GENERAL Run-up + insp of A/C satisfactory.	
DATE 7-31-92 TOTAL TIME 18163:00				
I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
FOR DETAILS SEE W/O 21070 MH				
AUTHORIZED SIGNATURE Steve Outoff				
MODERN AERO, INC., EDEN PRAIRIE, MN				
FAA APPROVED REPAIR STATION MZER 198L				
7-1-93	1898.45		Completed Annual Insp. IAW Mooney	
Insp guide. Opened all panels and lubed				
+ inspected A/C as required. Jacked				
A/C and cycled gear. Replaced ELT				
battery. New date July 95. C/w Mooney				
S.B 208 by insp. of tubular structure				
and installation of new style insulation.				
Sealed fuel leak in right wing. Replaced				
induction air filter. Replaced fuel				
selector valve with new. Engine removed,				
overhauled by Clydesdale (see engine log)				
and reinstalled with new hoses and				
shock mounts. C/w AD 76-07-12 by				
test of ign switch. C/w AD 85-24-03				
PARA B by insp of fuel caps and lube				
of seals. AD's checked thru 93-12. Run up				
ok good.				
MAINTENANCE RELEASE				
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.				
PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER:				
WORK ORDER # 21178 DATE July 1 93				
INSPECTED BY [Signature]				
AVIATION RULES 14 CFR 43.161-143.163, 143.165, 143.167, 143.169, 143.171, 143.173, 143.175, 143.177, 143.179, 143.181, 143.183, 143.185, 143.187, 143.189, 143.191, 143.193, 143.195, 143.197, 143.199, 143.201, 143.203, 143.205, 143.207, 143.209, 143.211, 143.213, 143.215, 143.217, 143.219, 143.221, 143.223, 143.225, 143.227, 143.229, 143.231, 143.233, 143.235, 143.237, 143.239, 143.241, 143.243, 143.245, 143.247, 143.249, 143.251, 143.253, 143.255, 143.257, 143.259, 143.261, 143.263, 143.265, 143.267, 143.269, 143.271, 143.273, 143.275, 143.277, 143.279, 143.281, 143.283, 143.285, 143.287, 143.289, 143.291, 143.293, 143.295, 143.297, 143.299, 143.301, 143.303, 143.305, 143.307, 143.309, 143.311, 143.313, 143.315, 143.317, 143.319, 143.321, 143.323, 143.325, 143.327, 143.329, 143.331, 143.333, 143.335, 143.337, 143.339, 143.341, 143.343, 143.345, 143.347, 143.349, 143.351, 143.353, 143.355, 143.357, 143.359, 143.361, 143.363, 143.365, 143.367, 143.369, 143.371, 143.373, 143.375, 143.377, 143.379, 143.381, 143.383, 143.385, 143.387, 143.389, 143.391, 143.393, 143.395, 143.397, 143.399, 143.401, 143.403, 143.405, 143.407, 143.409, 143.411, 143.413, 143.415, 143.417, 143.419, 143.421, 143.423, 143.425, 143.427, 143.429, 143.431, 143.433, 143.435, 143.437, 143.439, 143.441, 143.443, 143.445, 143.447, 143.449, 143.451, 143.453, 143.455, 143.457, 143.459, 143.461, 143.463, 143.465, 143.467, 143.469, 143.471, 143.473, 143.475, 143.477, 143.479, 143.481, 143.483, 143.485, 143.487, 143.489, 143.491, 143.493, 143.495, 143.497, 143.499, 143.501, 143.503, 143.505, 143.507, 143.509, 143.511, 143.513, 143.515, 143.517, 143.519, 143.521, 143.523, 143.525, 143.527, 143.529, 143.531, 143.533, 143.535, 143.537, 143.539, 143.541, 143.543, 143.545, 143.547, 143.549, 143.551, 143.553, 143.555, 143.557, 143.559, 143.561, 143.563, 143.565, 143.567, 143.569, 143.571, 143.573, 143.575, 143.577, 143.579, 143.581, 143.583, 143.585, 143.587, 143.589, 143.591, 143.593, 143.595, 143.597, 143.599, 143.601, 143.603, 143.605, 143.607, 143.609, 143.611, 143.613, 143.615, 143.617, 143.619, 143.621, 143.623, 143.625, 143.627, 143.629, 143.631, 143.633, 143.635, 143.637, 143.639, 143.641, 143.643, 143.645, 143.647, 143.649, 143.651, 143.653, 143.655, 143.657, 143.659, 143.661, 143.663, 143.665, 143.667, 143.669, 143.671, 143.673, 143.675, 143.677, 143.679, 143.681, 143.683, 143.685, 143.687, 143.689, 143.691, 143.693, 143.695, 143.697, 143.699, 143.701, 143.703, 143.705, 143.707, 143.709, 143.711, 143.713, 143.715, 143.717, 143.719, 143.721, 143.723, 143.725, 143.727, 143.729, 143.731, 143.733, 143.735, 143.737, 143.739, 143.741, 143.743, 143.745, 143.747, 143.749, 143.751, 143.753, 143.755, 143.757, 143.759, 143.761, 143.763, 143.765, 143.767, 143.769, 143.771, 143.773, 143.775, 143.777, 143.779, 143.781, 143.783, 143.785, 143.787, 143.789, 143.791, 143.793, 143.795, 143.797, 143.799, 143.801, 143.803, 143.805, 143.807, 143.809, 143.811, 143.813, 143.815, 143.817, 143.819, 143.821, 143.823, 143.825, 143.827, 143.829, 143.831, 143.833, 143.835, 143.837, 143.839, 143.841, 143.843, 143.845, 143.847, 143.849, 143.851, 143.853, 143.855, 143.857, 143.859, 143.861, 143.863, 143.865, 143.867, 143.869, 143.871, 143.873, 143.875, 143.877, 143.879, 143.881, 143.883, 143.885, 143.887, 143.889, 143.891, 143.893, 143.895, 143.897, 143.899, 143.901, 143.903, 143.905, 143.907, 143.909, 143.911, 143.913, 143.915, 143.917, 143.919, 143.921, 143.923, 143.925, 143.927, 143.929, 143.931, 143.933, 143.935, 143.937, 143.939, 143.941, 143.943, 143.945, 143.947, 143.949, 143.951, 143.953, 143.955, 143.957, 143.959, 143.961, 143.963, 143.965, 143.967, 143.969, 143.971, 143.973, 143.975, 143.977, 143.979, 143.981, 143.983, 143.985, 143.987, 143.989, 143.991, 143.993, 143.995, 143.997, 143.999				
Certified Repair Station #				

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6-93	1904.4	Installed overhauled alternator S/N A-88093. Run up checked good <i>Joey W. Dobby</i>
SEPT 93	1915.9	INSTALLED SERVICABLE NOSE GEAR TROSS & STEERING LINKAGE ARM. REPLACED OIL PROBE. OPERATIONAL / RETRACTION CHECK GOOD. <i>Dave J. Hunter</i> AD270168620
Removed this date gyro horizon RCA22-3 S/N 29762 and installed exchange unit RCA21-1 S/N 14586. Ramp checked operation - Good		
<p>Don Richards Aircraft Sales Tach 1918.43</p> <p>MAKE <u>Mooney</u> SER. NO. <u>24-0052</u> MODEL <u>M20J</u> REG. MARK <u>N201HC</u> The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for flight in service. Pertinent details of the repair are on file at this Agency under Work Order No. <u>A 3432</u> Date <u>9-17-93</u> Signed <u>Scott B. Picha</u> Muncie Aviation Co. Certificate No. <u>AJVR135C</u> Muncie Airport Muncie, Indiana 47303</p>		
★ Please Place In Aircraft Logbook ★		
release at top		
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Takeport
LAKE AIR
Work Order
8-26-93
Serial Air Regulations and
repaired and inspected in
accordance with current
regulations of the Federal
Aviation Agency and is
approved for flight in
service. Pertinent details
of the repair are on file
at this Agency under
Work Order No. A 3432
Date 9-17-93
Signed Scott B. Picha
Muncie Aviation Co.
Muncie Airport
Muncie, Indiana 47303

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Nov-4-93			REMOVE EXISTING Prop & Governor REPLACED WITH O.H. units SN Prop. 782554. Gov Ser. 791372. TACH 1976.13
			FAA APPROVED REPAIR STATION GAER-576M Date 11-4-93 Auth Person C.K. Wells AERO COMMANDER OF GREENE COUNTY AIRPORT SALISBURY, OHIO COMMANDER AERO, INC. GREENE COUNTY AIRPORT XENIA, OHIO
5-12-94	2090.6		LU BRUATE AIRCRAFT, IN STALL new AIR FILTER ELEMENT. IN STALL new A35 BATTERY. C/W AD 76-07-12 OPS CHECK SWITCH. C/W AD BS. 24-03 PANA B LUB & IN SIGHT TUEL CRAPS C/W MOONEY Bul. M20-155 CHECK Gear Pre WAD. RELIXE RT. Brake TACH AIRCRAFT, Grease Gear PACT wheel Brs. Cycle Gear Oil. Service Brake Res. Clean Fuel Bowl & Screen.
			Date 5-12-94 TACH 2090.6 Inspection done in accordance with inspection procedures outlined in FAR 43 Appendix D. I certify that this aircraft has been inspected in accordance with an <u>Annual</u> inspection and was approved for return to service. John A. Bombero IA1952378

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2-6-95		2217.62	C/W AD 85-24-03 Wbed FWD INSPECTED FUEL CAPS C/W AD 76-07-12 CHECKED BOWTIE MAG SWITCH. CLEANED AND REPACKED ALL WHEEL BEARINGS, JACKED AIRCRAFT CHECKED PRE-LOAD RETRACTION TESTED OK LOADED ALL CONTROLS AND LANDING GEAR. RESEALED R/H FUEL TANK. DATE <u>2-6-95</u> T T IN SERVICE <u>2217.62</u> AD'S CHECKED THRU: <u>THIS DATE</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>[Signature]</u> NUMBER: <u>AP1768344TA</u>
2/20/95		2225.01	REPLACED TURN COORDINATOR WITH OVERHAULLED UNIT SN 675006 PN 50-001-14. SEE RECEIPT THIS PARTS

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2/22/95		2233.91	REPLACED HORIZON GYRO BAR PN RCA 21-1 SN 19586 WITH FACTORY NEW R. C. ALLEN RCA 22-7 SN 95B0225
8/11/95		2272.4	REPLACED FLT BATTERY NEXT DUE SEPT 1997 <i>John C. Self</i> APP 1986377
9/14/95		2273.5	REPLACED DEFECTIVE VOLTAGE REGULATOR, INSTALLED BY SA AIRCRAFT PARTS OVERHAULLED P/N 20082 SN 1170. OAS CHECKED NO DEFECTS NOTED. <i>John C. Self</i> APP 1986377

1. United States of America		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration			3. System Tracking Ref. No. 04881	
4. Organization B & S Aircraft Parts & Accessories, Inc. 1414 South Mosley Wichita, KS 67211-3387 FAA Certified Repair Station No. NE2RO26L				5. Work Order, Contract, or Invoice Number: Work Order No. B04881		
6. Item	7. Description	8. Part Number	9. Elig	10. Qty.	11. Serial/Batch Number	12. Status/Work
1	VOLTAGE REGULATOR	20082		1	1170	Overhauled
13. Remarks See copy of Work Order No. B04881, attached, for description of work performed.						
Pertinent details of work performed are on file at this station under Work Order Number B04881						
Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.						
14. <input type="checkbox"/> New <input type="checkbox"/> Newly Overhauled Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA Airworthiness Regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature:		16. FAA Authorization No.:		20. Authorized Signature: <i>Richard L. Self</i>		21. Certificate Number: NE2RO28L
17. Name (Typed or Printed):		18. Date:		22. Name (Typed or Printed): Richard L. Self		23. Date: Sep 12, 1995

FAA Form 8130-3 (11-93)

* (Optional) Installer must check eligibility with applicable technical data.

OVERHAUL AND CERTIFY WARRANTY REQUESTED

FUNCTIONAL TEST ONLY REPAIR AND CERTIFY
ACCIDENT UNIT - HIDDEN DAMAGE INSPECTION REQUIRED

OVE

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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TOTAL brought forward from previous page

MARCH 1, 96	2320.2	2320.2	<p>COMPLIED WITH ANNUAL INSPECTION THIS DATE PER THE MOONEY MAINTENANCE MANUAL CHAPTER 5 AND FAR 43 APPENDIX D AS REQUIRED BY FAR 91.409 (d)(1). REPLACED LEFT MAIN TIRE. REPLACED LEFT BRAKE LININGS. REPLACED ELEVATOR CONTROL ROD BETWEEN THE JACKSHAFT AND THE FIRST BELLCRAWK DUE TO WEAR. REPLACED WORN HINGE AND PIN ON THE CONTROL ROD ENDS. (C/W AD 95-26-16R) BY MODIFYING ALTERNATE AIR DOOR ASSEMBLY PER MOONEY SERVICE BULLETIN M20-2670B</p>
-------------	--------	--------	--

The Mooney M20 aircraft, airframe, aircraft engine, propeller or accessories identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service.

Pertinent details of the repair are on file at this repair station under work order no. 5112

Date 3/1/96 Signed *[Signature]*

TOTAL TIME 2320.2 DATE 3/1/96

I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE INSPECTION ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 5112

DATE 3/1/96 SIGNED *[Signature]* SQR

AIR WILMINGTON, INC.
FAA APPROVED REPAIR STATION NO. FTFR869D
P.O. BOX 869
NEW HANOVER COUNTY AIRPORT
WILMINGTON, NC 28401

1-7-96 N201HC M205 SN-24-0052 TACH 241339
Inst. Low profile INNER gear doors IAW STC# 00803AT. Performed retraction test ops check good. Repaired dome Lt AND glare shield Lights, Repaired tie down PTS.



8250 SKYLANE WAY
PUNTA GORDA, FL 33982

941-637-6770
941-637-9628 (FAX)

Harald R. Wolf
HARALD R. WOLF
A&P # 296825187

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			MOD WORKS, INC., 8250 SKYLANE WAY, PUNTA GORDA, FL 33982 CHARLOTTE CO, AIRPORT 941-637-6770
			MAKE: <u>Mooney</u> MODEL: <u>M20J</u> REG# <u>201HC</u> TACH TIME: <u>2413.39</u> W/O: THIS AIRCRAFT STRIPPED, REPAINTED AND CONTROLS BALANCED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
			<u>68003</u> PAINT: <u>U.S. PAINT</u> BASE: <u>Matterhorn White</u> HR10596
			PAINT: <u>ACRY GLO</u> PRIMARY: <u>Dark Blue</u> HS10701
			PAINT: <u>ACRY GLO</u> SECONDARY: <u>Ruby</u>
			<i>William Turner</i> 1/20/97 DATE: _____ SIGNATURE: Bill Turner AP/IA#515567811 <u>1 YEAR WARRANTY</u>
			201HC SERIAL II 24-0052 DESEALED & RESEALED BOTH MAIN FUEL TANKS I.A.W. MOONEY SERVICE MANUAL. C/W S.B. M20-229A AND S.B. M20-230 WILLIAM TURNER 515 56 7811 <i>William Turner</i> 1/20/97 <u>2 YEAR WARRANTY</u>

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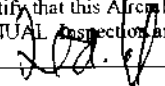



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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
4/8/97	2438.2	2438.2	COMPLIED WITH ANNUAL INSPECTION THIS DATE PER THE MOONEY MAINT. MANUAL SECTION 5 AND FAR 43 APPENDIX D AS REQUIRED BY FAR 91.409(C)(1). BLEED BRAKES. REPLACED ALTERNATOR BRUSHES REPLACED AIR INTAKE FILTER COMPLIED WITH AD 93-02-05 EFFECTIVE DATE 6/14/93. BY INSPECTION OF FUEL INJECTION LINES PER SB 342A NEXT DUE 4/8/98 OR 2438.2 HRS. AD 96-12-07 EFFECTIVE DATE 7/18/96 BY INSPECTION OF MAG IMPULSE COUPLING PER TCM SB 639 AND 645 NEXT DUE AT 2438.2 HRS TOTAL TIME 2438.2 DATE 4/8/97 I CERTIFY THAT THIS AIRCRAFT - ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE SIGNATURE <u>Tobias C. Johnson</u> AIP1985377 EA.
10/8/97	2472.6	2472.6	REPLACED ELT BATTERY NEXT DUE DEC 1999 <u>Tobias C. Johnson</u> AIP1985377
MAY 4, 1998	2508.24	2508.24	COMPLIED WITH ANNUAL INSPECTION THIS DATE PER THE MOONEY MAINT. MANUAL SECTION 5 AND FAR 43 APPENDIX D AS REQUIRED BY FAR 91.409(C)(1) REPLACED RIGHT MAIN TIRE. REPLACED LEFT BRAKE LININGS REPLACED LEFT STROB FLIGHT TUBE COMPLIED WITH AD 93-02-05 EFFECTIVE DATE 6/14/93 BY INSPECTION OF FUEL INJECTION LINES PER SERVICE BULLETIN ^{342A} NEXT DUE 5/18/99 OR 2572.6 HRS. COMPLIED WITH AD 97-26-08 EFFECTIVE DATE 1/20/98. INSPECTED FOUND LANYARDS PREVIOUSLY REMOVED. <u>Tobias C. Johnson</u> AIP1985377 EA) TOTAL TIME 2508.24 DATE 5/1/98 I CERTIFY THAT THIS AIRCRAFT - ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE SIGNATURE <u>Tobias C. Johnson</u> AIP1985377 EA

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			
	A/C :N201HC Date :Apr99 Current Tack :2581.9 Prior (Old) Tack :0000.0 Total A/C :2581.9 Tack Last O/H :1898.0 TSOH :0683.9 Previous :0000.0 Total Engine Time :2581.9 FAR 91:411 Next Due :09/97 FAR 91:413 Next Due :09/97 ELT Battery Next Due :Dec99 Recurring AD's Next Due Tack 98-24-11 Aileron links Due Dec99See Tdata Sheets 91-14-22 Due Prop Strike/O/H 93-02-05 Injection Lines 2681 100/Annual 76-07-12 Bendix Sw. 2681 100/Annual 93-02-05 Injector. Lines 2681 500 Hr. 96-12-07 Bendix Impulse 2938 100/Annual 76-07-12 Bendix Sw. 2681 KINSTON REGIONAL AIRPORT • P.O. BOX 1294 • KINSTON, NC 28503 • (919) 522-1135 • 24 HR (919) 522-1155 • FAX (919) 522-4571 • (800) 526-0285	Completed Annual Inspection per Mooney 100 Hr. Inspection Procedures. Washed Lubed and Inspected Controls. AD98-24-11 Aileron links NOT C/W per owner request Due 28Dec99 or see Tdata Sheet, AD91-1-22 Crankshaft bolt - next due at prop strike/O/H, ow recurring AD 93-02-05 Fuel lines- etc. per Par 1&3 Dig. #2 Injector Lines, Inspected Lines and found serviceable, No cracks and clamps installed. AD 96-12-07 mag Impulse next DUE tack 2938, c/w 76-07-12 Bendix Sw. .Ops. ck Normal per 1,A,B,C., AD 98-14-03 Transponder - n/a by sn. AD98-20-01 Vac. Pump na by sn, repacked all wheel bearings. Landing gear down lock tensions ck within limits. --- End --- See Tdata listing for AD Notes, See WO P3803 for additional info. I certify that this Aircraft has been inspected I/A/W an ANNUAL inspection and is approved for return to service.  Paul Nimmo /iso/shoplog/wil201Hca01 111580833	
			N201HC 9 July 1999 Removed Pathfinder autopilot and KMA 24 audio panel. Installed Garmin GMA 340 audio panel and S-Tec System 55 autopilot system. Systems tested and found to function as intended. Weight & Balance revised to reflect this change. See FAA Form 337 this date for details on the autopilot installation. Signed  Avionics Technology Corporation Manassas Regional Airport FAA CRS PA1R-393K
		 N201HC 07/12/99 Removed and replaced vacuum pump P/N 215CC. Complied with A.D. 98-24-11 per SB M20-264 by removal and replacement of aileron control links and rigged ailerons. All work performed in accordance with the manufacturer's recommended procedures. Michael P. Weber Jet Services, Inc.	Jet Services, Inc. (703)361-6830 10509 Terminal Rd. CRSJZIR340L Manassas, VA 20110 W.O. 2908  CRSJZIR340L

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↗ L\$ 73000 5-001 Rev. F 06-30-99
 R\$ 73000 6-000 Rev. H-3 06-09-99
 KAS

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			 <p>Jet Services, Inc. (703)361-6830 10509 Terminal Rd. CRSJZIR340L Manassas, VA 20110</p> <p>N201HC 07/26/99 Tach: 2604.48 Installed Precise Flight standby vacuum system model SVS III in accordance with the Precise Flight, Inc. installation instructions and STC# SA2160NM. (337 form on file). Installed propeller dome assembly P/N 680031-019 and both stiffeners P/N S680031021. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 2908</p>
			 <p>Jet Services, Inc. (703)361-6830 10509 Terminal Rd. CRSJZIR340L Manassas, VA 20110</p> <p>N201HC 09/16/99 Tach: 2620.4 Removed existing compass and installed vertical card compass. Removed and replaced nose tire. All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 2908</p>
			 <p>Jet Services, Inc. (703)361-6830 10509 Terminal Rd. CRSJZIR340L Manassas, VA 20110</p> <p>N201HC 11/19/99 Tach: 2630.27 Removed and replaced left hand strobe power supply P/N 701295-3 S/N on APS-13016. Removed belly beacon and installed Whelen strobe beacon P/N HRCAR-14/28 in accordance with STC SA615EA. (337 form on file). All work performed in accordance with the manufacturer's recommended procedures.</p> <p>Michael P. Weber <i>M.P.W.</i> Jet Services, Inc. CRSJZIR340L W.O. 3166</p>
3/22/00			<p>INSTALLED ROSEN SUN VISOR SYSTEM PER STC SA000715E. 337 FORM FILED. <i>M.P.W.</i> CRSJZIR340L</p>

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	2654.95		TOTAL brought forward from previous page
	2654.95		Re-rolled wing walk fuel plate with many fuel tank seals. Replaced copilot seat adjustment cams with new. Installed repaired airspeed indicator from Capital Aviation leak check OK. Installed overhaul fuel pressure manifold from gear with overhaul from Capital Aviation. CWSB M20-202 by installing spacer in nose gear shock absorber to improve nose gear steering & tracking. Taxi check OK.

The work was signed and inspected
 IAW CFR 14 Part 43 and is approved for the
 return to service. Details on file under
 W.O. # 2882 Total Time 2654.95
 Signed [Signature] Date 2/20/2000
 Freeway Airport, Inc. 8000 Church Rd
 Mitchellville, MD 20721 CES # FKSR141Q

Date 10/23/00
 TACH 2680

Installed New Airborne Vacuum Pump
 MIN 215CC SIN 9AT 4886. Run-UP
 Satisfactory. Regn Mehl IA503960504

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10503 OBSERVATION COPY
 MANASSAS AIRPORT
 703-271-1100



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
4-25-01			TOTAL brought forward from previous page
4-25-01	2699.5	2699.5	Replaced tail Nav bulb, replaced fuel cap
Dukes Actuator			O-rings, replaced right Cow flap inner hinge, replaced std. by vac control, replaced
P/N 3214-00			pilot seat inhd seat back adjust cam P/N
S/N 1573			140041-007, check fuel screen, checked
			wheels & brakes, performed gear retraction
			Extension & Emergency Extension, performed
			200 Hour inspection on Electric gear motor
			I/A/w Mooney Service Manual Section 2
			para 2-38 (12)(A), checked gear preload
			replaced induction filter, greased landing
			gear, lubed Airframe, greased Jack screws
			AD listing in rear of legs. Aft. quad
			Run a taxi check O.K. - Replaced left fuel
			Drain. Etc. Checked. I/A/w FAR 91.217.7 24P 4/02
			I certify that this aircraft was 100% inspected I/A/W FAR 91.217.7 and determined to be in safe condition. Details on file under W.O. # 3730 Total Time 2699.5
			Signed <i>[Signature]</i> Date 4-25-01
			Freeway Airport, Inc. 2800 Church Rd Mitchellville, MD 20721 CRB # FBAR141Q

Jet Services, Inc.
9998 Wakeman Dr.
Manassas, VA 20110
N201HC

(703)361-7267
CRSJZIR340L

03/26/01

Tach: 2698.63

Removed and replaced battery P/N on G-35 S/N on G01956437. All work performed in accordance with the manufacturer's recommended procedures.

Michael P. Weber
Jet Services, Inc.

[Signature]

CRSJZIR340L

W.O. 3730

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DATE	TOTAL TIME IN SERVICE	RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
03/07/02			Installed lighting control unit per Mooney lighting control retrofit drawing # 940013. System ops check good. End
			Wm. Mc Millan A+P 141-64-1248

ANNUAL INSPECTION
N 201HC

1. REPLACED EXISTING ELT WITH NEW AMERIKING MDL 450, SERIAL # 461087. FUNCTION TEST OK. BATTERY DUE 3/08 ELT, 3/05 REMOTE.
2. REPLACED L/H MAIN TIRE W/ NEW AIRHAWK 600X6X6. CHECKED TUBE. REPACKED WHEEL BEARINGS.
3. REPLACED ALL FUEL CAP O-RINGS AND ADJUSTED TENSION AS REQUIRED. P/N MS29513-338 AND -010.
4. REPLACED ALL GLARE SHIELD LAMPS W/ NEW RED LAMPS, P/N GE1816.
5. C/W AD 76-07-12 BY FUNCTIONAL TEST OF SWITCH AND KEY ENGAGEMENT. DUE AGAIN TACH: 2884.5.



I certify that this AIRCRAFT has been inspected in accordance with ANNUAL and determined to be in AIRWORTHY condition.
 Details on file under W. O. 4186 Tach Time: 2784.5 Total Time: 2784.5


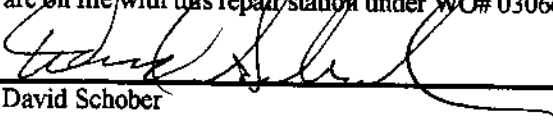
Signed *Thomas J. Williams* Date 5-9-02
THOMAS J. WILLIAMS
 Freeway Airport, Inc. 3900 Church Road, Mitchellville, MD 20721
 Certified Repair Station # FK8R141Q

N201HC
 Date 4-30-03
 Total Time 2831.77
 Tach. 2831.77
 I certify that the transponder test and inspection required by 14 CFR 91.413 was completed IAW 14 CFR 43, Appendix F. The altimeter and static system test required by 14 CFR 91.411 was completed IAW 14 CFR 43, Appendix E (c). The altimeter has been tested to 20,000 feet and test results are on file under work order number 0303630.

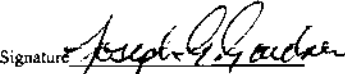
Authorized Signature: *Keith A. Timmons*
 Keith A. Timmons, 2720897
 JRA Executive Air, Inc
 18335 Airpark Road
 Hagerstown, MD 21742
 FAA Repair Station
 CRS-JZRR651K



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>N201HC M-20-J SN 24-0052 Tach & Total Airframe Time 2831.77 Hrs. Engine: IO-360-A3B6D SN L-16417-51AC 933.77 Hrs. SOH Prop: B2D34C212/78CDA-4 SN 782554 855.64 Hrs. SOH</p> <p>Removed all control surfaces, plastic tips, LG doors, and fairings from the aircraft. Replaced the following skins: RH flap top skin 240014-28 & trailing edge skin 240014-022; LH flap top skin 240014-27 & trailing edge skin 240014-021; RH aileron top skin 230015-12; LH aileron top skin 230015-11; rudder LH skin 460043-003; LH elevator top skin 430026-005; & RH elevator top skin 430026-003.</p> <p>Stripped off all aircraft paint and aoldine treated all surfaces. Primed with Sikkens Wash Primer CR. Painted with Sikkens White 508D6, Blue 622D3, Red 302E3, & Pewter 316B2.</p> <p>All control surfaces were checked for proper "Balance". Reinstalled all control surfaces, plastic tips, LG doors, and fairings on the aircraft. Installed a new Ameri-King Corp ELT Model AK-450, SN 464711 with new Duracell batteries Batch # MN1300, LR20, Expiration Date March 2008. All the front seat belts [36844] were re-webbed by Aircraft Belts, Inc. Installed new O-rings MS29513-338 on the wing fuel caps. Cleaned all fuel screens. Installed a new foam vacuum regulator filter B3-5-1. The landing gear & doors were adjusted for proper travel & fit. Installed 2 new sets of nose wheel bearings 08125 & races 08231.</p> <p>The fuel injector lines inspected okay IAW AD 2002-26-01 & Lyc. SB 342D, Diagram #3. Reinspect IAW AD par. (c). Ignition switch AD 76-07-12 R1 is NA by the 4 digit date code on the switch. The Precise Flight Standby Vacuum System AD 94-24-10 was terminated by the valve SN [15719], POH revision, & SVS V Manual with Precise Flight's Alternate Compliance Letter installed with aircraft records. The system is upgraded to SVS V. Checked for applicable AD's. Attached list with log books.</p> <p>The <u>AIRFRAME</u> identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under W.O. #: <u>0303630</u>. Date: <u>05-09-2003</u>.</p> <p>I certify that this <u>AIRFRAME</u> has been inspected in accordance with an <u>Annual Inspection</u> and was determined to be in airworthy condition. Pertinent details are on file at this Repair Station under W.O. #: <u>0303630</u>. Date: <u>05-09-2003</u>.</p> <p>Signed <u>K.A. Skidmore</u> K. A. Skidmore for JRA Executive Air, Inc 18335 Airpark Road Hagerstown, MD 21742 FAA Repair Station CRS-JZRR651K</p> 
			<p>N201HC M-20-J SN 24-0052 Tach & Total Airframe Time 2831.77 Hrs. Replaced the RH tire inner tube 6.00-6. Reassembled & reinstalled wheel on the aircraft. The <u>AIRFRAME</u> identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under W.O. #: <u>0305667</u>. Date: <u>05-16-2003</u>.</p> <p>Signed <u>K.A. Skidmore</u> K. A. Skidmore for JRA Executive Air, Inc 18335 Airpark Road Hagerstown, MD 21742 FAA Repair Station CRS-JZRR651K</p> 

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			 <p>18335 Airpark Rd. Hagerstown, MD 21742 301-791-3642 • Fax 301-791-7368 CRSJZRR651K</p> <p>N201HC Mooney M20V Serial 24-0052 June 24, 2003</p> <p>Adjusted rigging and touched up paint</p> <p>The aircraft identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Pertinent details of the repair are on file with this repair station under WO# 0306678</p> <p> David Schober</p>

Date: 3-23-05	Acraft Tail Number: N201HC	Acraft Model: M20J	Acraft S/N: 24-0052	Work Order #: 04-9638	Hobbs Tach Time: 3003.58
---------------	----------------------------	--------------------	---------------------	-----------------------	--------------------------

- I certify that this a/c has been inspected IAW the Mooney M20J service manual and found to be unairworthy. A list of discrepancies and unairworthy items dated 3-23-05 has been provided for the a/c owner or operator. The following items were accomplished
- 1. C/W FAR 91.207d inspection and testing of the ELT due 3/2007.
 - 2. Cleaned and lubricated the landing gear.
 - 3. Clean and repacked the wheel bearings.
 - 4. Serviced the fuel caps and installed new O rings.
 - 5. C/W AD85-24-03 fuel cap leak check per paragraph "B" and mooney SB20-229A no discrepancies were noted.
 - 6. Repaired the right nav light.
 - 7. Installed new left /right brake linings.
 - 8. Reposition ducting at the co-pilots yokes to prevent interference.
 - 9. Secure the left / right empanage fairings with several rivnuts.
- Signature: 
Work Order # 04-9638 Date 3-23-05

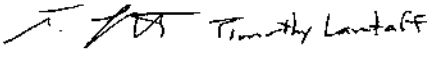
Keyson Airways Corporation
FAA Certified Repair Station KNMR864S Form #8

Keyson Airways
117 Perimeter Road
Nashua New Hampshire 03063

Date: 5-5-05 N201HC Tach: 3003.58 TT: TSOH:

Landings/Cycles: _____

Inspected airframe for the purposes of a ferry flight. Researched AD's and found none outstanding. I certify that this aircraft was inspected for the purposes of a ferry flight and was determined to be safe for this flight. See Special flight permit dated 5-5-05 and expires 5-10-05.

Keyson Airways
CRS KNMR864S 

DATE

LUMANAIR, INC.

FAA Repair Station #CGFR811C
Sugar Grove, IL 60554
(630) 466-4866

ALTIMETER CALIBRATION

MANUFACTURE United Inst MODEL 5934-1 S/N K 36

SCALE ERROR		FRICTION		HYSTERESIS	
ALT.	ERROR	ALT.	DIFF		
1000	+20	1000	25	50%	5
0	+5	2000	30		
500	+10	3000	30	40%	5
1000	0	5000	40		
1500	0	10000	25	AFTER EFFECT 0	
2000	0	15000	30		
3000	0	20000	20	CASE LEAK 15	
4000	-5	25000			
6000	-10	30000			
8000	-5	35000			
10000	-15	40000			
12000	-20	45000			
14000	-20				
16000	-20				
18000	-20				
20000	-35				
22000					
25000					
30000					
35000					
40000					
45000					
50000					

THIS ALTIMETER TESTED IN ACCORDANCE WITH FAR 91.411 AND PART 43, APPENDIX "E"

DATE 06/13/2005

W.O. # LUM 3784

INSP. Parish Patel

Inspected the components for wear, ok. Re-greased and assembled the system. Re-set the tail trim travel and the trim indicator. Functional test of the system, ok.

- *Re-set the elevator travel limits.
- *Added spacer washers to the rudder hinge connections for proper fit of the bushings to the rudder.
- *Replaced both the pitot and the static system drain valves.
- *Replaced the artificial horizon and the D.G. filters.
- *Replaced the oil pressure and the fuel pressure hoses in the cockpit.

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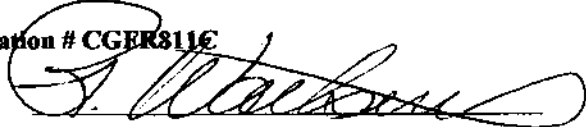
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DAT

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Lumanair, Inc. Aurora Municipal Airport Sugar Grove, IL.

*Repaired the instrument panel lighting system.
 *Opened up the right fuel tank and re-sealed the inboard lower corner. Re-fueled and checked for leaks, ok.
 *Replaced the electric clock.
Inspected the standby vacuum system per the manual for continued airworthiness, per the bi-annual and the annual inspection requirements. Replaced the gasket at the induction connection.
 *SB M20-263 seat belt retainer bushing is n/a by seat belt type.
Re-weighed the aircraft: Nose-535#, Left main-634#, Right main-613#.
Aircraft empty weight: 1782#
E.W.C.G. 41.65"
Aircraft useful load: 958#
 Complied with FAR 91-207 by inspection of the ELT.
 I certify that this aircraft has been inspected in accordance with an **annual inspection** and was found to be in an airworthy condition.
Lumanair, Inc. FAA Certified Repair Station # CGFR811C



Date: 6/16/05 WO # LUM3784 Tach/Hobbs: 3010.7 Total Time: 3010.7 -0.1 1 5

->0-0-X15>T11 X5-X-519

Lumanair, Inc. Aurora Municipal Airport Sugar Grove, IL.

Replaced L&R brake calipers with new.
 Fabricated new brake lines and reinstalled
 Fabricated new bracket for right inboard door gear and installed.
 Resealed right fuel tank .
 Resealed left fuel tank due to leaking @front of wheel well.
 Replaced left main tire and repacked bearings.
 Welded tail pipe clamp and reinstalled.
 Brake fluid was old flushed with fresh fluid and serviced brakes.
 Landing light was loose at base fixed and tighten.
 Removed and cleaned bird nest at very tail end area.
 Replaced vacuum regulator filter.
 Complied with FAR 91-207 by inspection of the ELT.
 I certify that this aircraft has been inspected in accordance with an **annual inspection** and was found to be in an airworthy condition.
Lumanair, Inc. FAA Certified Repair Station # CGFR811C



N201 HC
 Date: 07-13-06 WO # LUM4473 Tach/Hobbs: 3121.6 Total Time: 3121.6

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			<p>Lumanair, Inc. Aurora Municipal Airport Sugar Grove, IL. Changed out aircraft battery. G-35 S/N G02259135. Lumanair, Inc. FAA Certified Repair Station # CGFR811C</p> <p style="text-align: right;"><i>[Signature]</i></p>
			<p>N-Number N201HC Date: 10-06/06 WO # LUM4628 Tach/Hobbs: 3127.2</p>
			<p>Lumanair, Inc. Aurora Municipal Airport Sugar Grove, IL. Re placed right brake linings and resealed right fuel tank. Lumanair, Inc. FAA Certified Repair Station # CGFR811C</p> <p style="text-align: right;"><i>[Signature]</i></p>
			<p>N-Number N201 HC Date: 10-17-06 WO # LUM4641 Tach/Hobbs: 3131.4</p>

ALT TEST DATA PER FAR 91.411 iaw FAR 43, APP. E
 AVIONICS PLACE-REPAIR STATION NO. FQ5R866M

CUSTOMER NAME: MIKE CAVALCO						
N NO: N201HC			DATE: NOV. 20, 2006			
WO. NO.: 10246			INSP BY: F.J.			
ALT S/N: H86			MODEL: 5934-1 UNITED			
TABLE I			TABLE II			
ALT	TOL	IND	TEST	TOL	IND	
-1000	20	-985	CASE LEAK	100	90	
0	20	0	HYSTERISIS			
500	20	490	1ST TEST 50%	75	+40	
1000	20	980	2ND TEST 40%	75	+50	
1500	25	1490	AFTER EFFECT	30	+15	
2000	30	1980				
3000	30	2975	TABLE III FRICTION		TABLE IV BARO SCALE	
4000	35	3970	ALT	TOL	IND	
6000	40	5970	1000	70	30	28.10 -1727 5 25
8000	60	7970	2000	70	40	28.50 -1340 10
10000	80	9970	3000	70	40	29.00 -863 10
12000	90	11970	5000	70	30	29.50 -392 5
14000	100	13970	10000	80	40	29.92 0 0
16000	110	15970	15000	90	50	30.50 531 20
18000	120	17970	20000	100	50	30.90 893 15
20000	130	19960	25000	120	50	30.99 974 15
22000	140		30000	140		
25000	155		35000	160		
30000	180		40000	180		
35000	205		50000	250		

THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411 iaw FAR 43 APPENDIX "E" HAVE BEEN PERFORMED.
 AVIONICS PLACE FQ5R866M ROCKFORD IL
 PARA (A) STATIC SYSTEM
 DATE 11/21/06
 PARA (B) ALTIMETER
 PILOTS 5934-1 S/N H86
 C.P.'s _____ S/N _____
 TESTED TO 20K FT. DATE 11/21/06
 PARA (C) INTEGRATED SYSTEM TEST
 DATE 11/21/06 W.O. # 10246
 SIGNED BY [Signature]
 ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.413 iaw FAR 43 APPENDIX "F" HAVE BEEN PERFORMED:
 DATE 11/21/06
 AVIONICS PLACE FQ5R866M ROCKFORD IL
 MODEL GIX-330 S/N 841239166
 SIGNED BY [Signature]

SUB-TOTAL this page			
TOTAL—Carry forward to next page			

NEXT IFR CERTIFICATION DUE BY:
11, 30, 08

3216.2	TOTAL TIME
	SMOH
3216.2	TACH
7/18/2007	DATE

N 201HC

- 1) Checked tires and brakes.
- 2) Clean and relubed wheel bearings - replace bearings in nose wheel
- 3) Installed new pads on left brake.
- 4) Installed new right main tire.
- 5) Lubed landing gear.
- 6) Performed gear retraction check.
- 7) Replaced gear warning horn.
- 8) C/W AD 76-07-12 ignition switch inspection
- 9) C/W AD 99-24-10 standby vacuum system inspection
- 10) Check fuel sumps and screens.
- 11) Cleaned battery box corrosion.
- 12) Serviced battery.
- 13) Check and lubed flight control.
- 14) Replaced main vacuum filter.
- 15) Replaced battery switch.
- 16) Ground run up.

I certify that this airframe has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

David Noe
David Noe IA 344386227

POPLAR GROVE AIRMOTIVE, INC.

11-8-07
N201HC
3258.2 tach

Removed existing Carbon Air Tec IFR 11A outside air temp gauge and reinstalled Westach 2A3-3 gauge and sender.

David Noe

A&P344386227
Poplar Grove Airmotive

3278.4	TACH
4/7/2008	DATE

N 201HC

- 1) Re-routed ground wire to outside air temperature gauge
- 2) Replaced right brake pads
- 3) De-fueled aircraft.
- 4) Sealed left fuel tank lower access panel
- 5) Cleaned and resealed right fuel tank
- 6) Refilled tanks and leak checked

Bradley J. Stottiemyer
Bradley J. Stottiemyer AP 3171042

POPLAR GROVE AIRMOTIVE, INC.

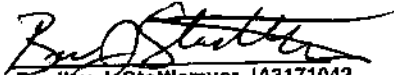
SUB-TOTAL this page

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<u>3302.9</u>	TACH		N 201HC
<u>3302.9</u>	TOTAL TIME		
<u>8/11/2008</u>	DATE		


- 1) Perform annual inspection in accordance with PGA checklist.
- 2) C/W AD 2008-14-07 fuel injector line inspection.
- 3) C/W AD 76-07-12 R1 ignition switch check.
- 4) Checked EIT in accordance with FAR 91.207 (d) - Battery due 03/2009.
- 5) Checked and lubed all flight controls.
- 6) Checked all lights, pitot and stall warning.
- 7) Lubed landing gear.
- 8) Performed landing gear retraction with emergency extension.
- 9) Replaced left main tire.
- 10) Cleaned and repacked wheel bearings.
- 11) Repaired broken lower cowl stiffener.
- 12) Serviced aircraft battery.
- 13) Replaced missing screws in wing boot fairings.
- 14) Checked all fuel sumps and screens.
- 15) Ground run up.

I certify that this airframe has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.


 Bradley J. Stottlemeyer IA3171042
POPLAR GROVE AIRMOTIVE, INC.

<u>3359.5</u>	TACH		N 201HC
<u>4/3/2009</u>	DATE		

Prop and engine removed due to engine replacement - reinstalled - see respective log entries.


 David Noe A&P 344386227
POPLAR GROVE AIRMOTIVE, INC.

J.A. AIR CENTER
 DuPage Airport • West Chicago, IL 60185
 FAA Repair Station #NF2R029L

Description of work done:

Repaired defective connection behind instrument panel to the audio amp circuit breaker. Final ground check ok.

MAINTENANCE RELEASE
 The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under _____

WO# 214698
 Date 30Jun08
 Tach/Hobbs 3289.1
 Inspector (print) NOTMAN A. SHAMBAUGH

Type M201
 S/N 24-0052
 #N 201HC

TOTAL—Carry forward to next page

<u>3414.6</u>	TACH
<u>3414.6</u>	TOTAL TIME
<u>9/2/2009</u>	DATE

N 201HC

- 1) Check tires and brakes.
- 2) Clean and relubed wheel bearings.
- 3) Lubed landing gear.
- 4) Performed gear retraction inspection.
- 5) Replaced air filter element.
- 6) C/W AD 76-07-12 ignition switch inspection.
- 7) Replaced static system drain.
- 8) Serviced battery - cleaned battery box.
- 9) Checked ELT operation - 3/2012 battery.
- 10) Check and lubed flight controls.
- 11) Checked fuel sumps and screens.
- 12) Electric fuel pump removed - reinstalled after overhaul (Aircraft Systems Work Order 43288).
- 13) Ground run.

David Noe
 David Noe IA 344386227

POPLAR GROVE AIRMOTIVE, INC.

I certify that this airframe has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

<u>3582.60</u>	TACH
<u>3582.60</u>	TT
<u>n/a</u>	SMOH
<u>n/a</u>	HOURS
<u>10/12/2010</u>	DATE

N 201HC

1. C/W AD 76-07-12 R1 - ignition switch check
2. C/W AD 2008-14-07 - fuel injection line inspection
3. Checked ELT IAW FAR 91-207(d) - battery due 03/2012
4. Installed new aircraft battery - Gill G-35
5. Checked & lubed all flight controls
6. Checked all light, pitot & stall warning systems
7. Replaced left main tire
8. Replaced all brake pads
9. Cleaned & relubed all wheel bearings
10. Lubed cabin door hold open
11. Sealed left fuel tank leaks on forward access panels
12. Drained right fuel tank and sealed several small leaks
13. Cleaned & lubed landing gear assembly
14. Performed landing gear retraction with emergency extension test
15. Checked all fuel sumps & screens
16. Ground run up

Bradley J. Stottmyer
 Bradley J. Stottmyer IA 3171042

POPLAR GROVE AIRMOTIVE

I certify that this airframe has been inspected in accordance with an annual inspection and was found to be in airworthy condition

WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PURPOSE IN NO EVENT WILL TBP BE HELD RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY DOES NOT APPLY TO ROUTINE MAINTENANCE OR REPAIRS. THE PROVISIONS OF THIS WARRANTY DO NOT APPLY TO BATTERIES PREVIOUSLY SOLD. TBP reserves the right to change any battery specifications or to discontinue the service of any battery at any time without notice. This warranty does not apply if the battery has been destroyed, or if the battery is or has been used in a manner which is not in accordance with the manufacturer's instructions. TBP does not apply if the battery has been used in a manner which is not in accordance with the manufacturer's instructions. TBP does not apply if the battery has been used in a manner which is not in accordance with the manufacturer's instructions.